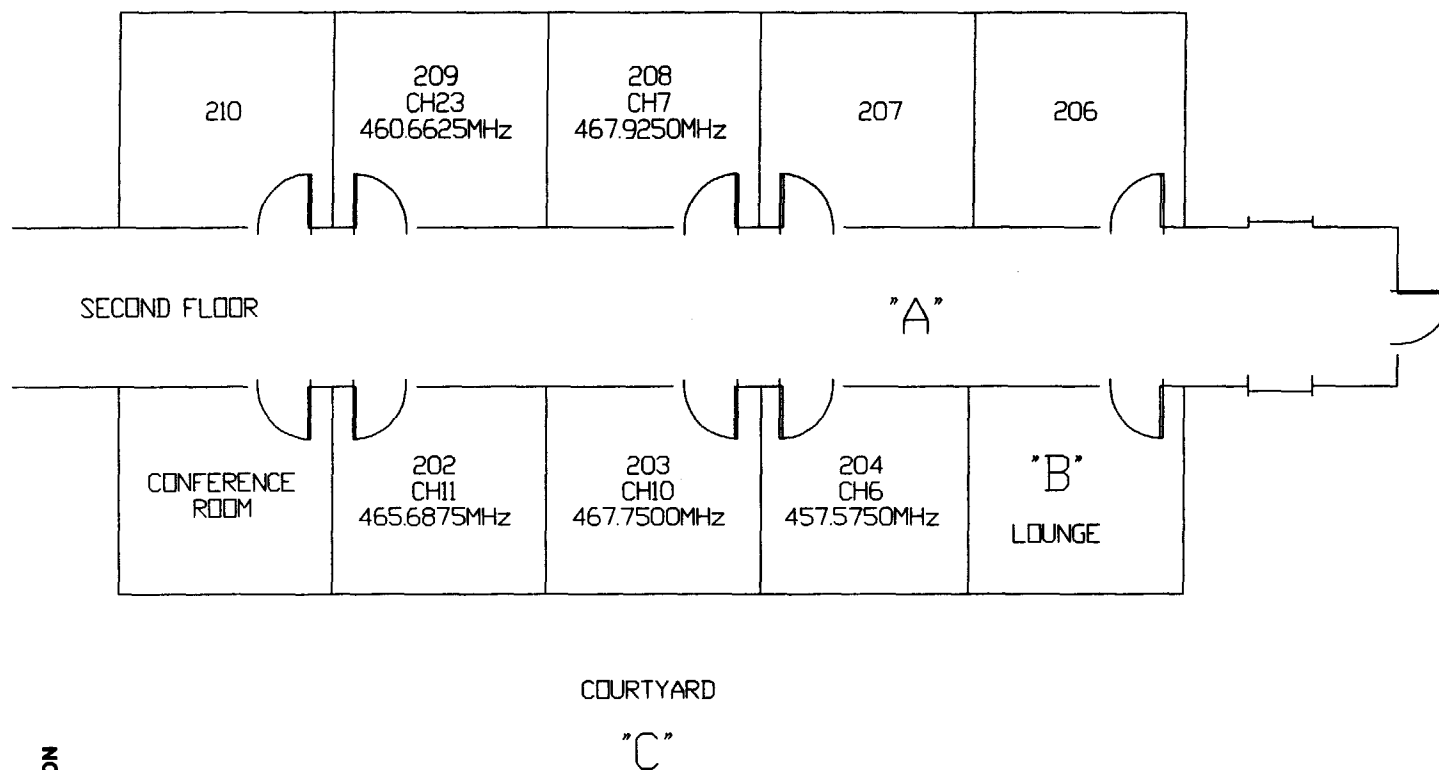


September 1994



**MEASUREMENT LOCATIONS  
CALVERT MEMORIAL HOSPITAL**

RUBIN, BEDNAREK & ASSOCIATES, INC.  
CONSULTING TELECOMMUNICATIONS ENGINEERS  
WASHINGTON, DC

Figure 4

Figure 5

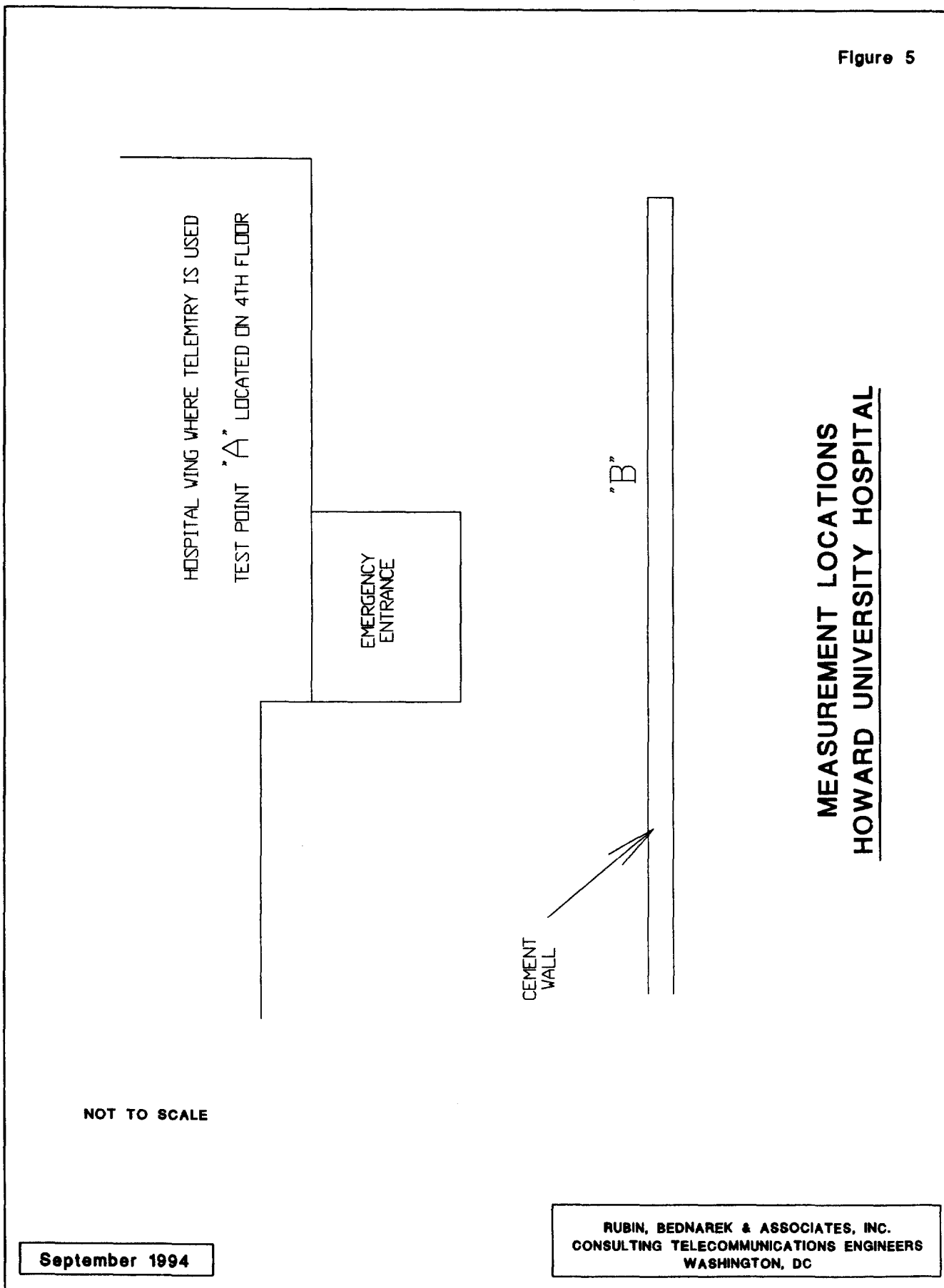
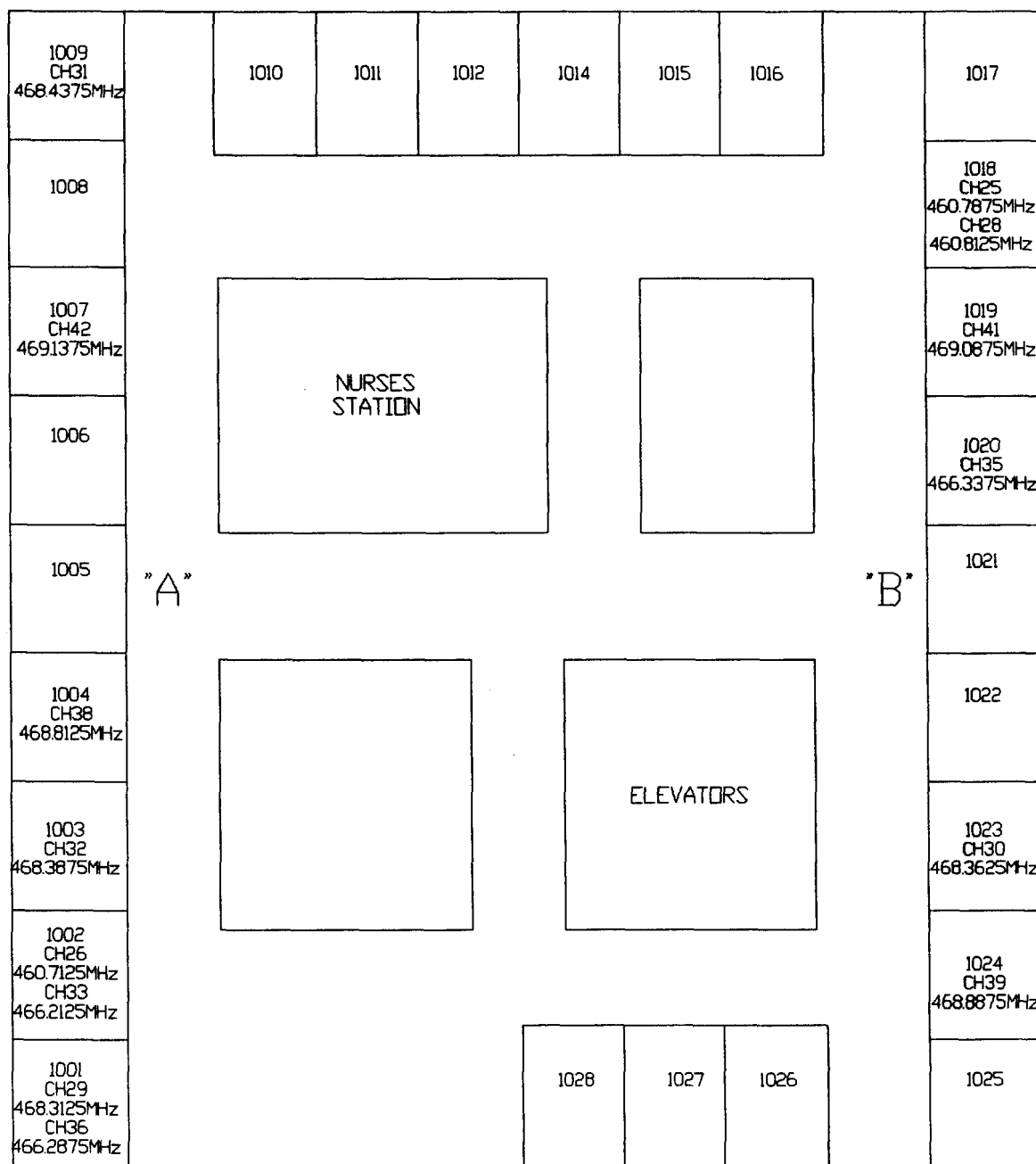


Figure 6

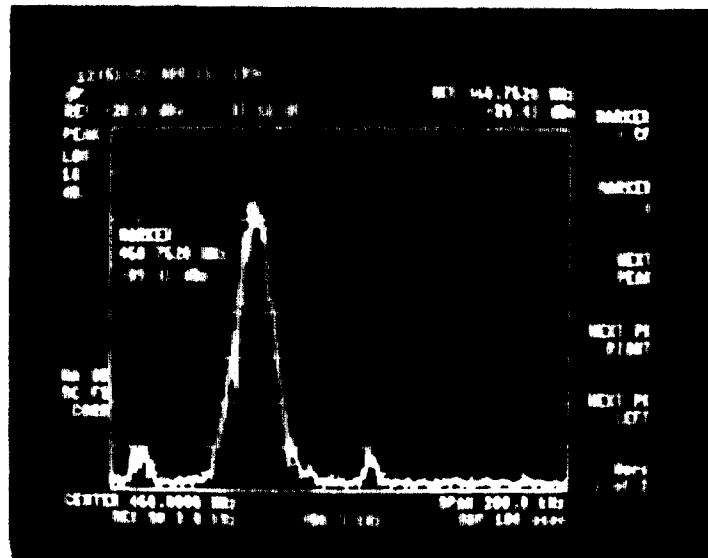


NOT TO SCALE

# 8TH FLOOR MEASUREMENT LOCATIONS MERCY MEDICAL CENTER

September 1994

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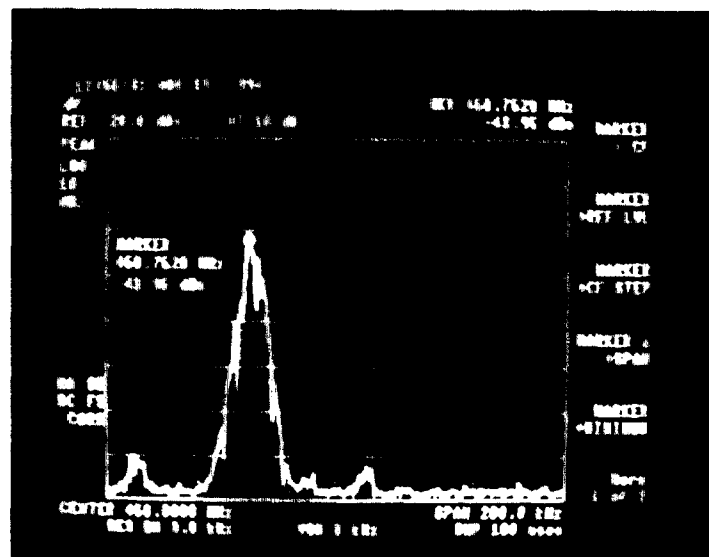


#1

Center Frequency  
460.8 MHz

Reference Amplitude  
-20 dBm

#1 - Spectrum analyzer antenna one meter from telemetry transmitter  
(Channel 27 - 460.7625MHz)



#2

Center Frequency  
460.8 MHz

Reference Amplitude  
-20 dBm

#2 - Spectrum analyzer antenna three meters from telemetry transmitter  
(Channel 27 - 460.7625 MHz)

BIOMEDICAL TELEMETRY MEASUREMENTS  
(Horizontal Polarization)

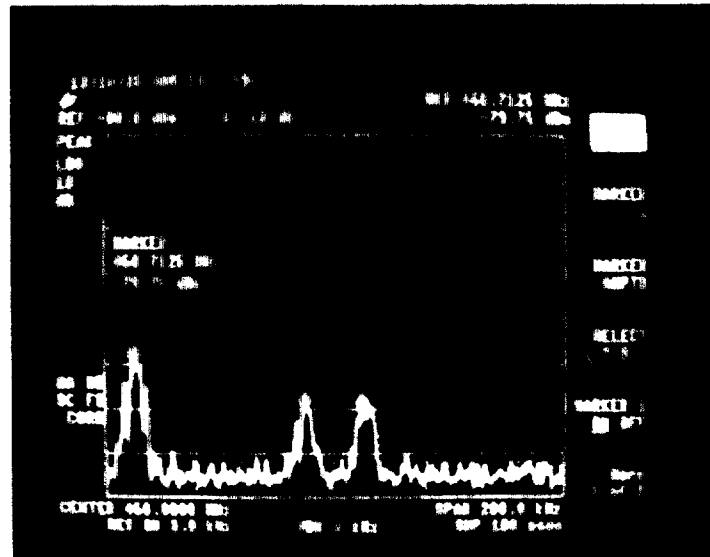
MERCY MEDICAL CENTER, BALTIMORE, MARYLAND

Prepared on behalf of

HEWLETT-PACKARD COMPANY

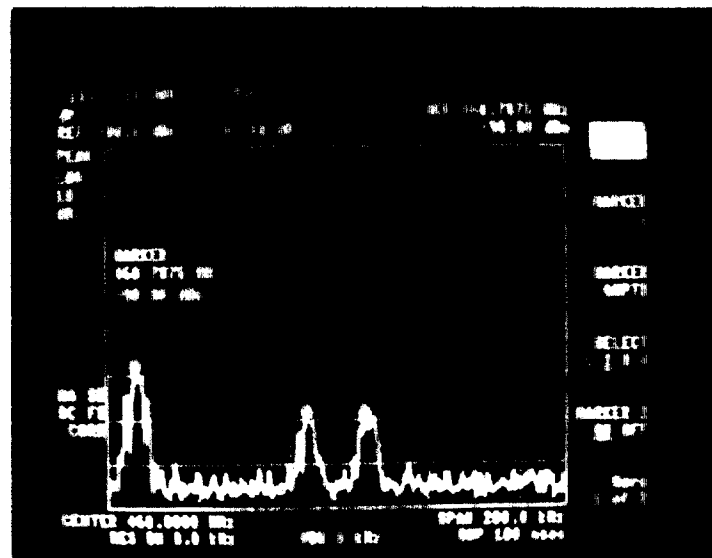
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#3

#3 - Channel 26 - 460.7125 MHz - Room 1002



#4

#4 - Channel 25 - 460.7875 MHz - Room 1018

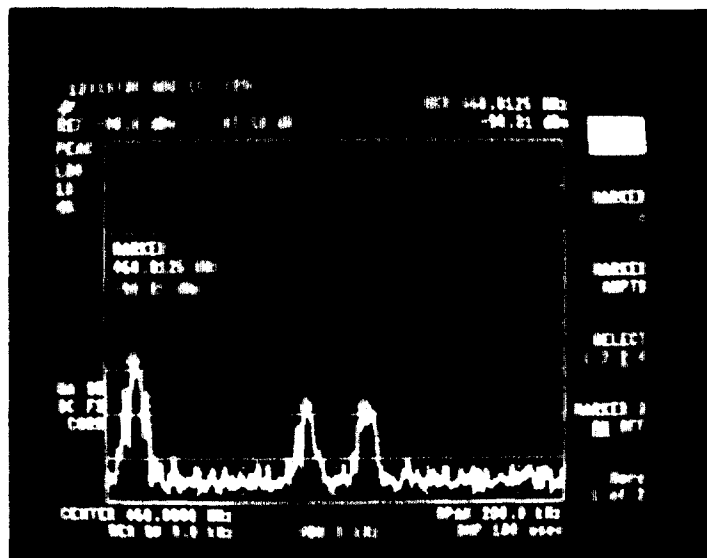
**BIOMEDICAL TELEMETRY MEASUREMENTS**  
(Horizontal Polarization)

**MERCY MEDICAL CENTER, BALTIMORE, MARYLAND**

Prepared on behalf of  
**HEWLETT-PACKARD COMPANY**

August 1994

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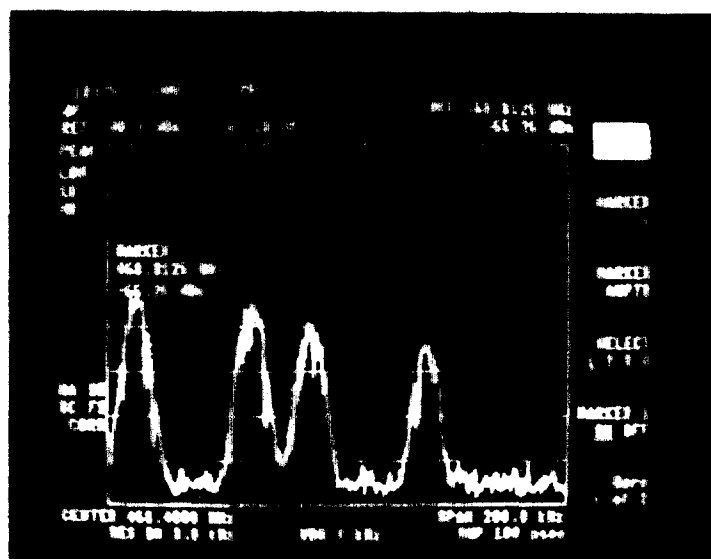


Center Frequency  
460.8 MHz

Reference Amplitude  
-30 dBm

#5

#5 - Channel 28 - 460.8125 MHz - Room 1018



Center Frequency  
468.4 MHz

Reference Amplitude  
-30 dBm

#6

#6 - Channel 29 - 468.3125 MHz - Room 1001

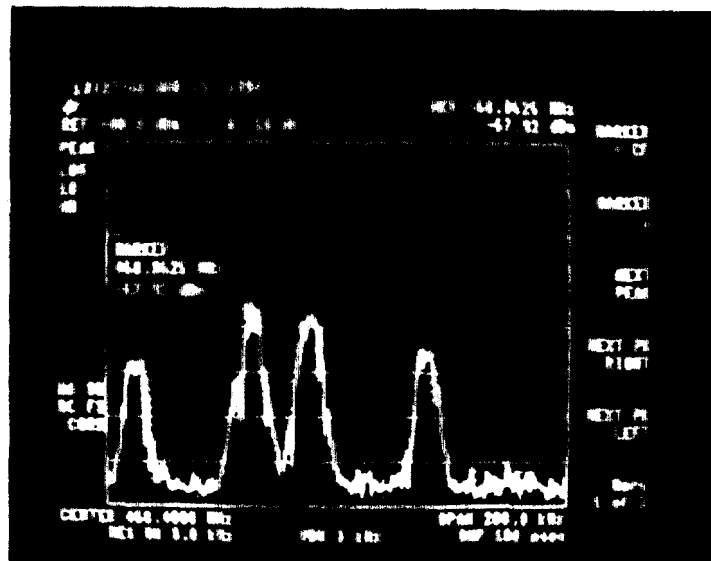
BIOMEDICAL TELEMETRY MEASUREMENTS  
(Horizontal Polarization)

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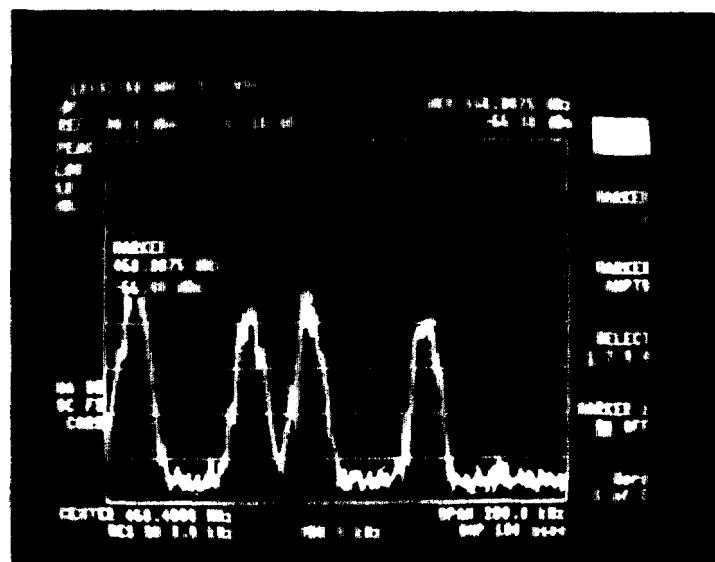


#7

#7 - Channel 30 - 468.3625 MHz - Room 1023

Center Frequency  
468.4 MHz

Reference Amplitude  
-30 dBm



#8

#8 - Channel 32 - 468.3875 MHz - Room 1003

Center Frequency  
468.4 MHz

Reference Amplitude  
-30 dBm

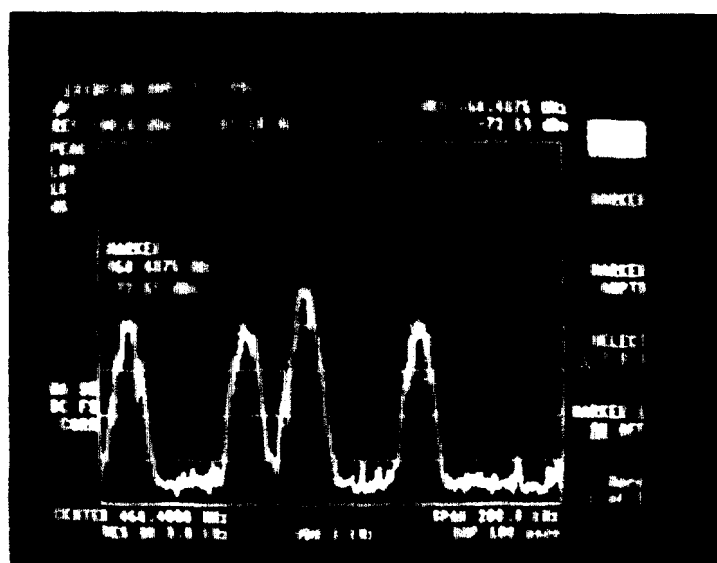
BIOMEDICAL TELEMETRY MEASUREMENTS  
(Horizontal Polarization)

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**Center Frequency**  
**468.4 MHz**

**Reference Amplitude**  
**-30 dBm**

**#9 - Channel 31 - 468.4375 MHz - Room 1009**

### BIOMEDICAL TELEMETRY MEASUREMENTS (Horizontal Polarization)

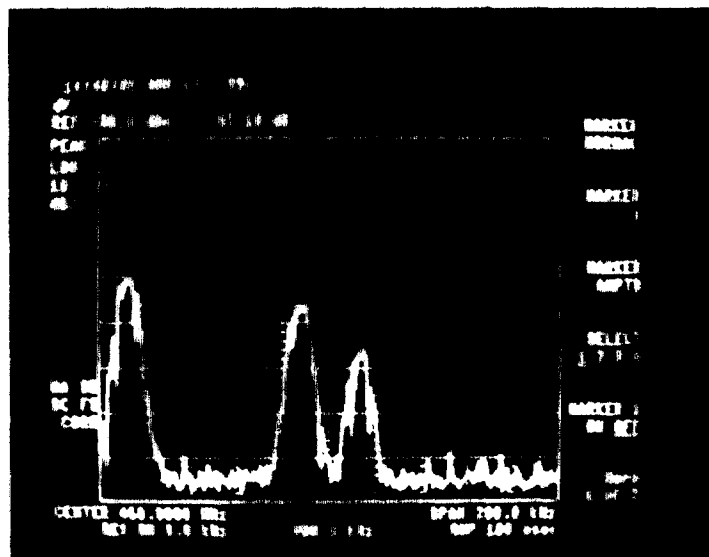
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Prepared on behalf of  
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**August 1994**

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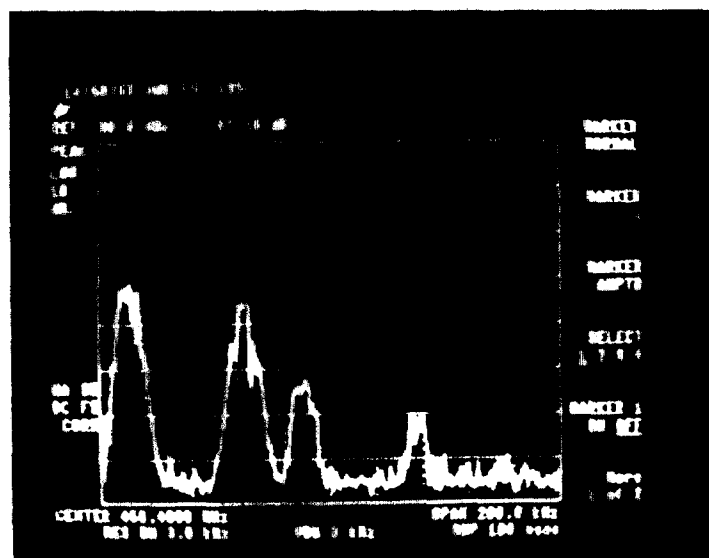


#10

Center Frequency  
460.8 MHz

Reference Amplitude  
-30 dBm

#10 - Channel 25 - 460.7875 MHz - Room 1018 / Channel 26 - 460.7125 MHz - Room 1002 /  
Channel 28 - 460.8125 MHz - Room 1018



#11

Center Frequency  
468.4 MHz

Reference Amplitude  
-30 dBm

#11- Channel 29 - 468.3125 MHz - Room 1001 / Channel 30 - 468.3625 MHz - Room 1023 /  
Channel 31 - 468.4375 - Room 1009 / Channel 32 - 468.3875 MHz - Room 1003

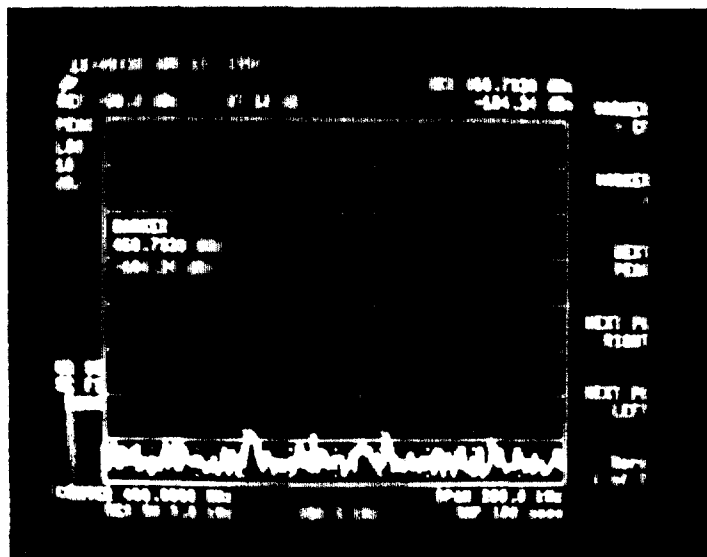
BIOMEDICAL TELEMETRY MEASUREMENTS  
(Vertical Polarization)

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Prepared on behalf of  
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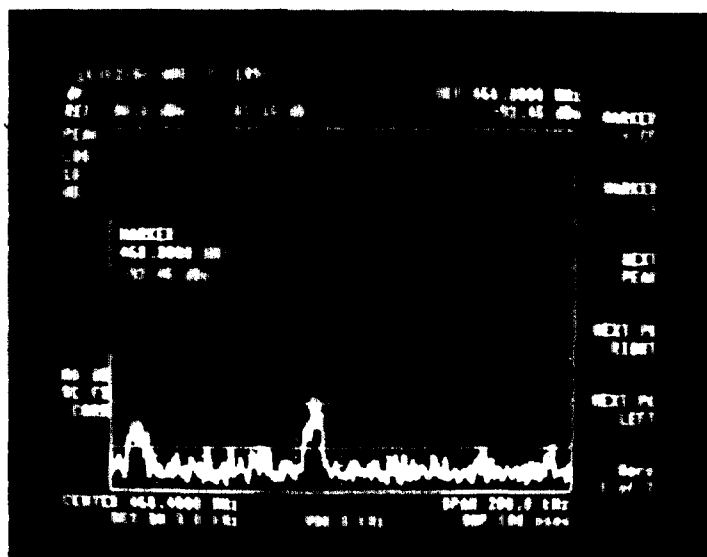


Center Frequency  
460.8 MHz

Reference Amplitude  
-30 dBm

#12-

#12 - Channel 26, Channel 25 and Channel 28



Center Frequency  
468.4 MHz

Reference Amplitude  
-30 dBm

#13

#13 - Channel 29, Channel 30, Channel 32 and Channel 31

**BIOMEDICAL TELEMETRY MEASUREMENTS**  
(In Park Across Street In Front of Hospital - Horizontal Polarization)

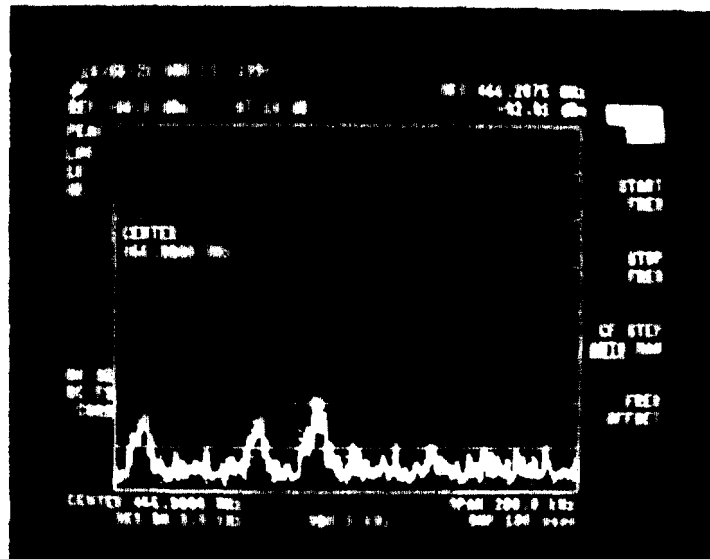
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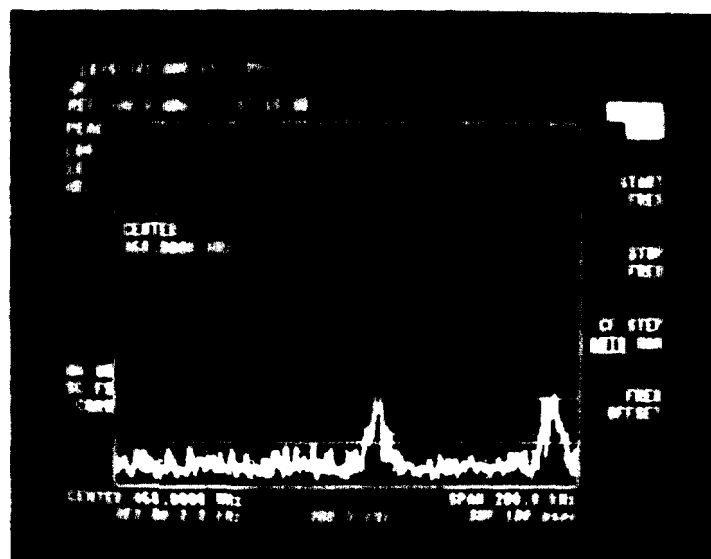


Center Frequency  
466.3 MHz

Reference Amplitude  
-30 dBm

#14

#14 - Channel 33, Channel 34, Channel 36 and Channel 35



Center Frequency  
468.8 MHz

Reference Amplitude  
-30 dBm

#15

#15 - Channel 38 and Channel 39

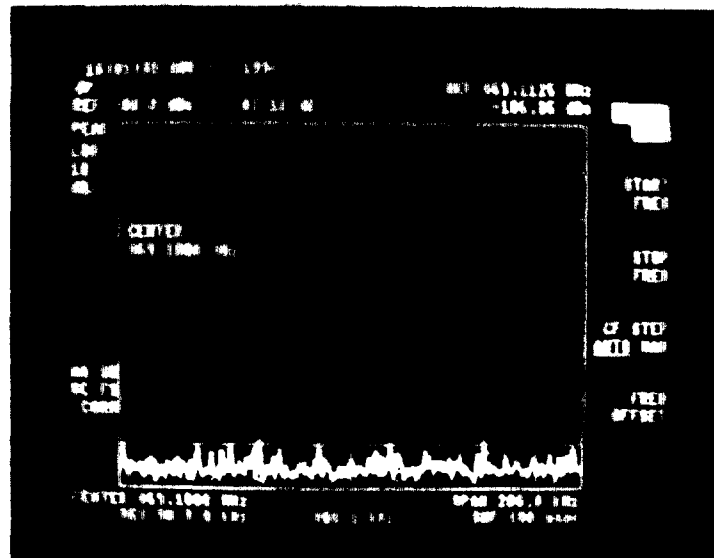
**BIOMEDICAL TELEMETRY MEASUREMENTS**  
(In Park Across Street In Front of Hospital - Horizontal Polarization)

**MERCY MEDICAL CENTER, BALTIMORE, MARYLAND**

Prepared on behalf of  
**HEWLETT-PACKARD COMPANY**

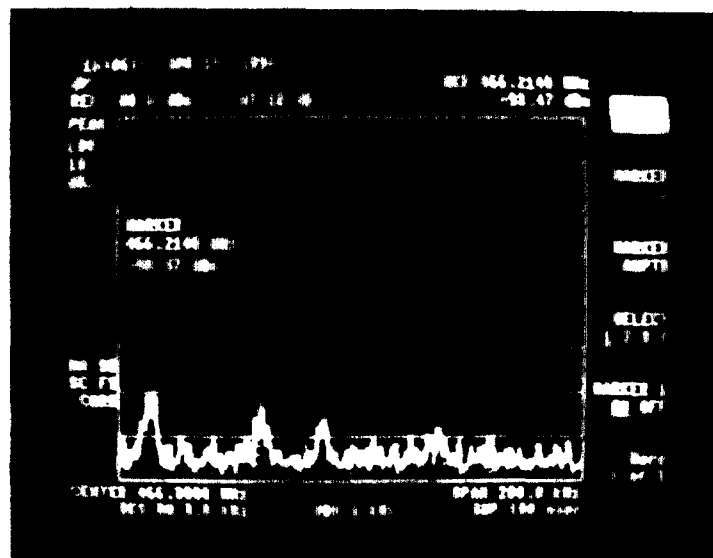
August 1994

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#16

#16 - Channel 41 and Channel 42 (Horizontal Polarization)



#17

#17 - Channel 33, Channel 34, Channel 36 and Channel 35 (Vertical Polarization)

Center Frequency  
469.1 MHz

Reference Amplitude  
-30 dBm

Center Frequency  
466.3 MHz

Reference Amplitude  
-30 dBm

BIOMEDICAL TELEMETRY MEASUREMENTS  
(In Park Across Street In Front of Hospital)

MERCY MEDICAL CENTER, BALTIMORE, MARYLAND

Prepared on behalf of  
HEWLETT-PACKARD COMPANY

August 1994

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TELECOMMUNICATIONS CONSULTING ENGINEERS  
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## **EXHIBIT B**

1. Section 15.241 is revised to read as follows:

### **§ 15.241 Operation in the 174-216 and 470-806 MHz bands.**

(a) Operation under the provisions of this section is restricted to biomedical telemetry devices.

(b) The marketing and the use of biomedical telemetry devices operating under the provisions of this section shall be limited to hospitals or other such healthcare facilities.

(c) Emissions from a biomedical telemetry device operating under the provisions of this section shall be confined within a 200 kHz band which shall lie wholly within the frequency range of 174-216 MHz or 470-806 MHz.

(d) The transmitter power output of any biomedical telemetry device operating under the provisions of this section shall not exceed five (5) milliwatts.

(e) Biomedical telemetry device operators shall maintain the following minimum distance separations between a biomedical telemetry device operating under the provisions of this section and television broadcast stations, authorized under Part 73 of the Commission's Rules, operating within the same channel bandwidth of such device (the following minimum distance separations vary depending upon the frequency and television station zone, as such zones are reflected in § 73.699, within which the relevant television station is operated):

<u>Frequency</u>	<u>Zone(s)</u>	<u>Separation (km)</u>
174-216 MHz band	I	107.1
174-216 MHz band	II, III	131.8
470-806 MHz band	I, II, III	113.2